

FOLIO

UNIVERSITY OF ALBERTA
11 SEPTEMBER 1992



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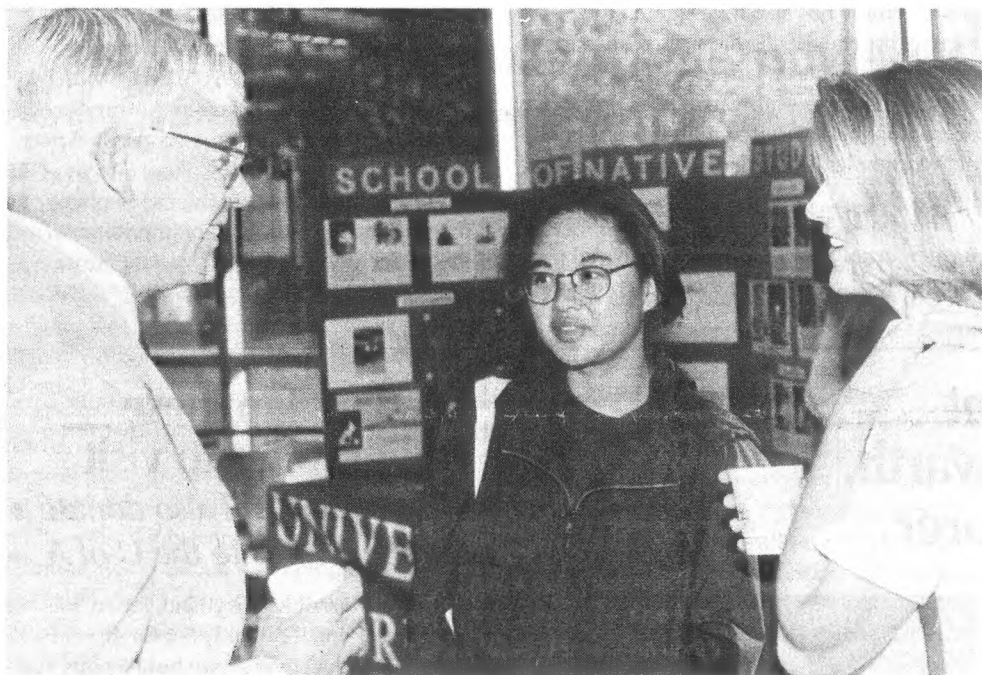
'New to the U' eases transition for first-year students

First-year student Helen Myers says the "New to the U" reception was one way of making the University more approachable for students.

Myers, a mature student here to complete an Education degree following a year's study at a community college in Fort St. John, B.C., said, "I was quite impressed that they would

President Davenport reminded students that they had come to one of the finest universities in the country. "One of the reasons it is because of its ability to attract outstanding students."

The President urged students to get involved, saying there are people out there who are concerned that students succeed at the



Students had an opportunity to meet and chat with President Paul Davenport at last week's "New to the U" reception for transfer and first-year students. Registrar Brian Silzer says the event will enhance the experience of new students by providing an environment where positive relationships begin.

do something like this. It will certainly make students more at ease—especially after the Butterdome." (Students were invited to the reception on the second floor of the Students' Union Building following registration.)

Myers (along with about 6,700 first-year and transfer students who were invited to the reception) was given a student survival kit and was able to browse among a number of displays and booths, ask questions and receive advice. Then came an opportunity to listen to and ask questions of Registrar Brian Silzer, President Paul Davenport, Students' Union President Randy Boissonnault and Chancellor Sandy Mactaggart.

This is the first time the University has attempted something of this nature (it's part of the institution's increasing emphasis on making the transition for first-year and transfer students a smooth and less intimidating experience).

Addressing students in the Myer Horowitz Theatre, Chancellor Mactaggart said they must resist the temptation to come here and simply go home after classes. "Go after those things that you think will excite you. You only get out of this place what you put into it." The university experience can't simply be thought of as an extension of high school, he said.

U of A. "You're part of a large family and community," he said, adding that there are a great number of people who contribute to the University who are not on the payroll.

One of the special challenges that students face is to remain involved despite not living in residence, he pointed out, adding that the University has many clubs and activities as well as the best recreational programs in the country. Silzer told students that there is a tendency among students from Edmonton, Sherwood Park and St. Albert to come on to campus and disappear into the comfort of their homes after classes.

Boissonnault said students will be under an incredible amount of pressure, so it will be important for them to be able to laugh at themselves. "Don't let your schooling interfere with your education; you'll learn more from just books and courses."

Silzer, sporting a U of A beanie, recalled his freshman experiences of 1965, commenting that the beanie was "symbolic of the quality experience I had here. In 25 years you'll be able to do the same," he said, referring to the armbands distributed to students this year.

"New to the U" was held 1 and 2 September.

Return of buses to 89 Avenue goes according to plan

No snafus.

That's the word from Physical Plant concerning the reopening of 89 Avenue. "Everybody was very courteous," Greg Wiens, Grounds and Transportation Superintendent, said of the (28 August) return of city buses to 89 Avenue and the changes that presented to drivers of other vehicles, cyclists and pedestrians.

There were only two or three times that people were visibly upset and that was because of their discovery of the overall rerouting of traffic and not specific traffic tie-ups, Wiens reported.

"We're not completely finished [work in the area]; it's not quite right yet," he said late last week.

People have been posted at 114 Street and 89 Avenue to alert drivers that the traffic lane is for buses only (one-way, west to east) and to answer questions. It's expected that it will soon no longer be necessary to staff the area.

Wiens said about 750 buses travel on 89 Avenue each weekday. "It doesn't seem like it's that many but maybe it's because we got rid of that hodgepodge and everything's moving one way."

Building a better transfer and admissions policy U of A responds to Minister's call for full review

The University of Alberta has come up with a number of suggestions it believes will improve the arrangements (among institutions) that enable students to transfer within and between various programs.

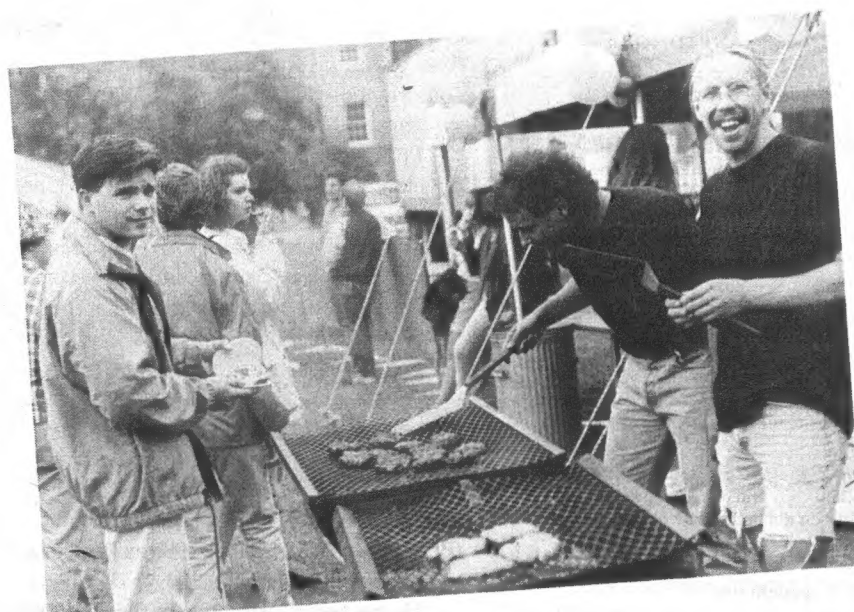
The paper is in response to Advanced Education Minister John Gogo's call earlier this year for a full review of university transfer programs and other programs in which transfer or recognition of credit might occur.

The U of A has recommended that the province's three public residential universities systematically review subject requirements for "like" programs. Greater standardization must occur while at the same time maintaining the

benefits of a flexible curriculum. The University also wants to see the development of a system to track transfer applications and student flow to see whether there are any barriers that inhibit students' smooth transition from colleges to universities.

On the issue of transfer to professional programs, the University is recommending that colleges make clear distinctions between arts and sciences programs and pre-professional programs, and that they are clear about course requirements.

Continued on page 5



Dennis Harker, right, and Don Young, both of Angelo's Place, serve up hamburgers for hungry students at last week's festivities in the Quad. Music, cold beer and partly sunny skies were the order of the week. Now the work begins.

CURRENTS



Faculty badminton season under way

Badminton is being played every Wednesday evening in the Education Gym. Hours of play are from 8 to 10 pm. All faculty, research associates, postdoctoral fellows, Research Council staff, and spouses are welcome. Play is at the beginner to expert levels. The annual fee of \$15 per person includes birds.

For more information, call Saul Sheinin (492-3624), Gordon Freeman (492-3468), Mika Madunicky (438-7609), or Bob Erkamp (450-5181).

U of A curling

The U of A Curling League's season begins Monday, 5 October, at 5 pm at the Derrick Golf and Winter Club (3500 119 Street). The 20-game (Monday) schedule continues to 15 March 1993. Fees are \$580 per rink.

Contact Mel McMillan, 492-3306, or Rod Wood, 492-0275, for further details.

U of A Squash Club

The membership fee of \$15 includes the opportunity for: competitive play, interclub play, recreational play, discounts on squash racquets and squash accessories, rules and skills clinics, rankings tournament for squash ladder.

For more information, call Grant Bawolin, 473-0554, or Paul Lumsden, 988-9115/7393.

Canadian Federation of University Women - Edmonton

A membership welcome evening will be held 21 September at 7:30 pm at the Faculty Club. Information about the organization's study and special interest groups will be made available.

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Display advertisements: 3 pm Thursday, eight days before desired publication date. Camera ready artwork is required to size, complete with halftones if necessary. Contact Public Affairs for sizes, rates and other particulars.

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Russian cosmologist to join Physics Department soon

Valery Frolov appointed to Killam Memorial Chair

The planets may not be lined up at this particular moment, but a growing number of the world's most respected cosmologists are lining up on the fourth floor of the Physics Building.

The Physics Department has just added another renowned cosmologist to its faculty. Valery Frolov, who has been a leading scientist with the PN Lebedev Physical Institute in Moscow, will join the University of Alberta early in the new year.

According to Department Chair Ernie Kanasevich, the addition of the Russian scientist will mean the department can certainly say it's among the top two or three universities in cosmology in North America. Dr Frolov will join celebrated thinkers such as Werner Israel and Don Page.

Dr Frolov will hold the Killam Memorial Chair, of which there are only two on campus. (Killam Memorial Chairs are among the most senior chairs on campus in the fields of pure and applied science.)

Dr Frolov is relatively young (he was born in Moscow in 1946) and is expected to be a solid addition to a department already strong in cosmology. He will assume research and teaching roles, will work with graduate students and will likely have research associates come here periodically to collaborate with him.

The leader of the Lebedev Physical Institute's relativity group, he was recently nominated by the Institute for Academician of the

Russian Academy of Sciences. Dr Frolov has a long list of credentials. He ranks among the top three or four Russian gravitational theorists and is arguably the best in terms of all-round ability.

He was one of the first scientists to follow up Stephen Hawking's celebrated 1974 announcement that black holes evaporate by a quantum-tunnelling process, and he's made fundamental contributions to the deeper understanding of this and related phenomena. He is recognized as one of the foremost experts in this field.

Dr Frolov has collaborated with Dr Israel on an extensive study of cosmic strings, and his work on vacuum polarization near black holes is closely related to the well-known "Page approximation" for this effect.

He is recognized as one of the foremost experts in this field.

Dr Frolov has also investigated the bizarre properties of cosmic strings (important in theories of galaxy formation) and the causal paradoxes ("time machines") that may or may not be associated with the existence of "wormholes" linking distant parts of the universe.

His book, *The Physics of Black Holes*, 1989, written in collaboration with Igor Novikov, another leading Russian theorist, is consid-

ered by many to be the standard treatise in the field. He's published authoritative surveys of almost every aspect of gravitational theory in leading review journals and annuals.

Dr Kanasevich is hopeful that Dr Frolov will maintain international links in Europe and at places like Cal Tech. Asked whether Dr Frolov's arrival is an example of a more liberal environment in the former Soviet Union, Dr Kanasevich said he suspected Dr Frolov would find this University to have a freer environment. "It's a question you can ask him when he gets here."

The existence of the Centre of Excellence at the U of A, the Institute of Theoretical Physics and the University's computational capabilities may be three additional reasons he was attracted to the U of A, Dr Kanasevich said.

Dr Frolov is not unfamiliar with the University and Alberta. He visited campus in January 1991 and last May he was an invited speaker at the Festschrift for Werner Israel, held in Banff.

Dr Frolov co-organized and was the driving force in a series of international conferences on quantum gravity, held triennially in Moscow from 1978 to 1990. These "Moscow Seminars" became the leading forum for this field, and were attended by scores of experts from around the world.

Other universities in this hemisphere that are strong in the area of gravitational theory include Cal Tech, Syracuse, Santa Barbara and Austin.

Chemistry Department welcomes Josef Holzwarth, the HE Gunning Lecturer

The 1992 Harry Emmett Gunning Lectures will be delivered by JF Holzwarth of the Fritz Haber Institute, Max Planck Gesellschaft, Berlin.

Professor Holzwarth will speak in the Department of Chemistry on 29 and 30 September and 1 and 2 October ("Talks" in next week's *Folio* will contain the particulars).

The guest lecturer's research interests extend from physics through chemistry to biochemistry and biology. They encompass the field of very fast reactions in solutions, in particular environmental effects in fast electron- or proton-transfer reactions and conformational changes in self-aggregating systems.

Professor Holzwarth has pioneered the development of unique equipment for kinetic measurements which encompass the time range from classical kinetic measurements (>1 second) to one nanosecond (10⁻⁹ second).

He became a research scientist at the Fritz Haber Institute in 1970; since 1972, he has been a leader of a research group concerned with fast reaction kinetics in solution at the same institution. Since 1971, Professor Holzwarth has had an affiliation with the Free University of Berlin, first as a guest lecturer, then in 1980 as a regular lecturer (Privat Dozent) and since 1986 as Professor of Physical Chemistry.

He has been very active in the Fast-Reactions-in-Solution Discussion Group of the Royal Society of Chemistry (UK) and a Visiting Professor at the following institutions:



Josef Holzwarth

University of East Anglia, Massachusetts Institute of Technology, and Université Pierre et Marie Curie. He is a Fellow of the University of Salford.

The Harry Emmett Gunning Lecture Series was established to recognize the contributions of Professor Gunning to the Department of Chemistry from 1957 to the present time. Professor Gunning is currently Professor Emeritus of Chemistry at the U of A.

Leading Japanese calligrapher to visit Shikyo Mori will also donate a number works to the U of A

Shikyo Mori of Kita Kyushu, Japan, has been a professional calligrapher for 40 years. He has exhibited all over Japan but recently has become more and more interested in how people outside his homeland might receive his work.

Bruce Lavery, a graduate of the U of A's East Asian Languages program who was serving as a Coordinator of International Relations for the City of Kita Kyushu government, helped to have Mori's dream of reaching out beyond Japan come true by initiating the idea of a calligraphy exhibition in Edmonton. The Departments of East Asian Languages and Literatures and Art and Design, with the cooperation of the Consulate General of Japan and the Hudson's Bay Centre, have turned the idea into reality.

The exhibition, titled "Writings of the Heart," will take place 17 to 26 September at the Bay Centre downtown. Mori's work is said to open up new ground in the traditional genre of calligraphy in a number of ways, one of these being experimentations with different consistencies of ink and brush style.

The show also represents a rather extraordinary act of generosity on the part of the artist. Not only has he sent the works here at his own expense but he intends to donate most of them to the University for sale to the Edmonton community to raise funds for the University. In this way, the exhibition will fulfill his two intentions of having his works perform charitable service as well as being a form of cultural outreach.

Mori will visit campus 16 September and give a demonstration of his calligraphy at 6 pm in L-3 Humanities Centre.



University
of
Alberta

WORLD UNIVERSITY SERVICE OF CANADA - INFORMATION MEETING

The World University Service of Canada (WUSC) International Seminar will be held in Indonesia in the summer of 1993. Thirty students and three faculty will be selected from across Canada to participate in the program, which begins with an orientation conducted in Ottawa and continues to Indonesia for five weeks of study and travel.

The program is intended to provide a personal, in-depth development experience for Canadian students. Through sharing that experience back home, a greater awareness of international development issues can be brought to the Canadian public.

An information meeting will be held at the International Centre (HUB) at 3 pm, 17 September. Applications will be available for both faculty and students and participants from former seminars will be present to share their experiences and answer questions. Faculty deadline for applications is 20 October.

MAPPS now computerized *Beefy binders converted into one 'living' document*

Those who have overhauled MAPPS (Manual of Administrative Policies, Procedures and Services), that Titanic-sized University document, are confident that the changes will meet with wide approval. Previously in four volumes, the contents of MAPPS have been updated, divided into 12 major subject sections, and transferred to an electronic medium accessible to anyone on campus connected to the University computer network. Through the Campus Wide Information System (CWIS), readers will be provided with a menu and on-screen instructions. For example, PROFS users will be able to access MAPPS from their main menus. No user ID is necessary, nor will there be a charge for accessing this information.

Responsibility for updating MAPPS was transferred from the Office of the Board of Governors to the Office of the Vice-President (Finance and Administration) at the end of 1991. Louise Fortin, of Temporary Services,

was hired in February 1992 and soon became, in Dr Taitt's words, "probably the only person who's read it all." With the assistance of Dr Taitt, Alex Nagorski, Fern Ness and others in Computing and Network Services, Fortin has edited MAPPS for the new medium, paying particular attention to formatting and consistency.

There will no longer be a printed version of MAPPS, a change which reflects the University's need for current and reliable information which can easily and economically be brought up to date. A second factor influencing the decision to go "high-tech" was the occasional difficulty experienced when searching for particular subjects. Many subjects will be cross-linked in the menu, and an electronic word-search capability has been included. Technical enhancements will continue as the Campus Wide Information System becomes more sophisticated.

The new MAPPS is now on-line and accessible (effective 8 September). An open house for the introduction of the new MAPPS will be held 25 September from 9 am to 1 pm in 315 General Services Building. Members of the University community are invited to stop by, listen to various presenters, and gain hands-on experience with the electronic MAPPS. Refreshments will be available.

As for the current volumes of MAPPS, Dr Taitt says it's up to their owners to decide whether to keep them or deep-six them. Many parts have already been superseded by new policies and are therefore no longer useful.

Departments responsible for various parts of MAPPS are urged to ensure that their sections are, in fact, accurate and up to date. Changes should be submitted to Dr Taitt's office, 3-16 University Hall (telephone: 492-3540). On-line revisions to MAPPS will be made from that office, as required.

Research project on natural gas powered vehicles launched *Northwestern Utilities, Governments, GM and U of A collaborating*

"There's no more appropriate place to do this kind of research than at the University of Alberta." With those words, Terry Ostapiuk, General Motors Canada's manager of natural gas projects, last week handed over a motor and the keys for four pickup trucks to Mechanical Engineering Professor David Checkel.

Dr Checkel will lead a project whose aim is to do emissions research on state-of-the-art natural gas conversion equipment for vehicles. The \$200,000 project, funded by the University, both levels of government and Northwestern Utilities, will evaluate four commercially available makes of natural gas dual-fuel conversion equipment for emissions and performance.

Predicting an exciting new era for the natural gas industry, Northwestern's Marketing Vice-President, Larry Bruce, said there are considerable cost savings and environmental advantages for using natural gas (rather than existing fuels) in vehicles.

Dr Checkel said Northwestern Utilities wants to increase its markets and isn't content with existing vehicle conversion systems.

A full life cycle cost/benefit analysis of all the conversion configurations will be done and compared to production gasoline vehicles. That work at the U of A will be followed up by emissions testing at the Environment Canada Labs in Ottawa.

The engine chosen is GM's 5.7-litre natural gas prepped/compatible engine, designed by the company to operate on either natural gas or gasoline. It's currently offered as an option on its 1993 trucks and vans, and is fully warranted by the company for operation on natural gas. One of the major objectives of the applied research project is to determine the recommended make(s) of equipment to be used to convert these engines to operate on natural gas.

"This applied research project will provide the information consumers need," Ostapiuk said. For two years, the vehicles will be driven at extremes of altitude and temperature, in the Rockies and during Alberta winters.

"Despite Canada's and Alberta's leadership in the natural gas sector, this country

does not yet have a testing and research facility to measure the reliability and capability of natural gas powered vehicles," Faculty of Engineering Dean Fred Otto said. "Through this project, the U of A has assembled the equipment and expertise necessary to assume that leadership role."

"As the use of natural gas vehicles grows—which is what is expected in the years ahead—the U of A will be well positioned to help support similar initiatives undertaken by the province's resource and manufacturing sectors," the Dean said, adding that the University now has a unique testing and research facility on the use of alternative fuels. (The University has acquired two fuelmaker vehicle refueling appliances, a natural gas storage cascade system, measurement cylinders, a drive shaft dynamometer, and various other pieces of equipment to make natural gas engine emission work possible.)

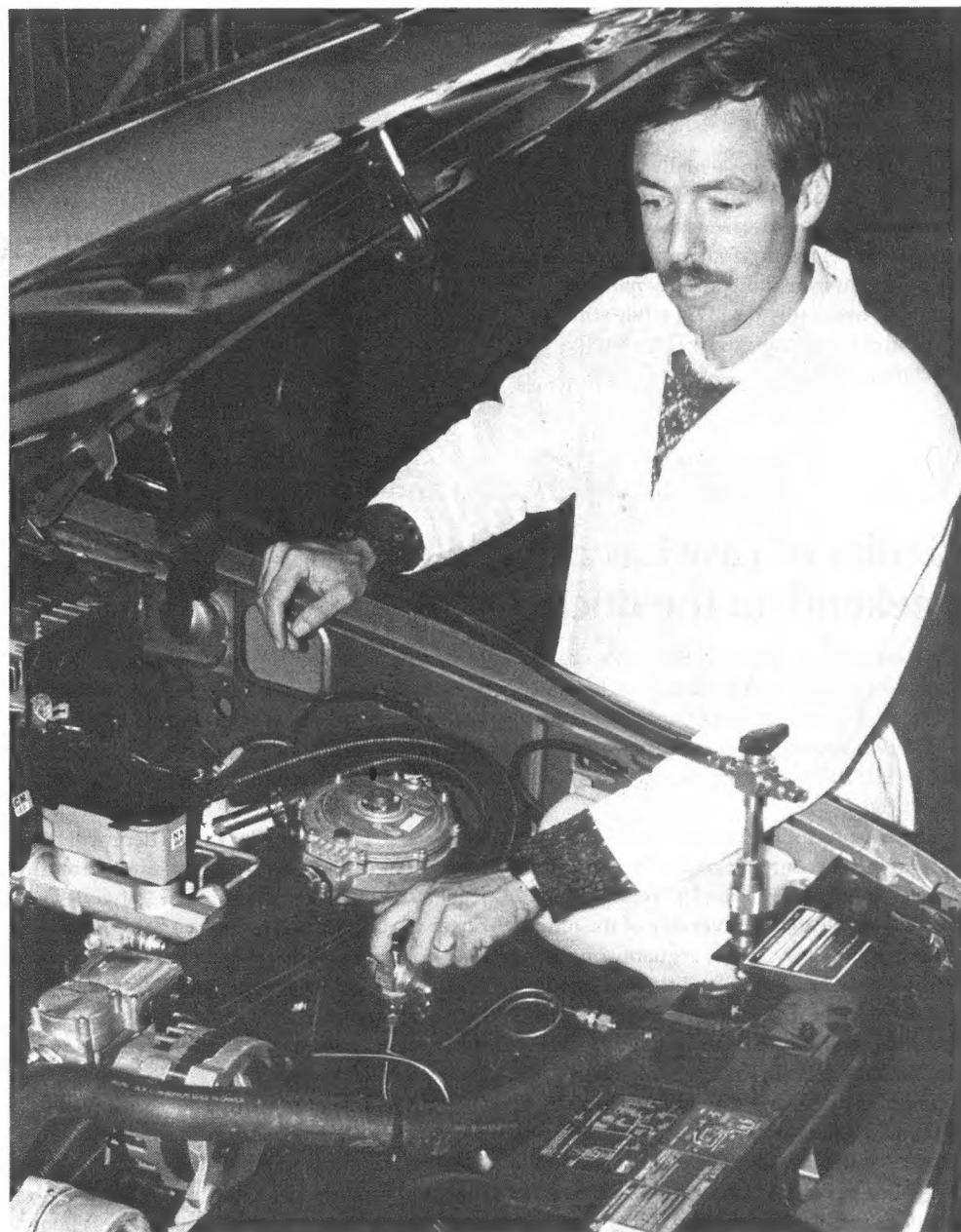
Dr Checkel said the project will build on research he and Doug Dale (Mechanical Engineering) have conducted. Graduate students will also be involved in this project.

The research is, in part, being driven by consumers. More and more consumers are switching. In the future, consumers will be able to buy natural gas powered vehicles at their dealerships and an extensive refueling infrastructure will be established across the country, Ostapiuk said. But, said the GM official, what is lacking right now is objective information that allows people to make informed decisions about what kind of dual-fuel vehicle [they run on both natural gas and gasoline] they should convert to and what kind of equipment they want to use.

"General Motors sees dual-fuel vehicles as a critical part of the development of natural gas technology and markets," he said.

Northwestern Utilities, the province's largest natural gas distributor, has up until now encouraged commercial operators, some individual vehicle owners and governments to convert their vehicles to lower-cost natural gas. Now they want to expand those markets.

The company has some persuasive arguments. First, natural gas produces significantly lower exhaust emissions and, second, when sold by weight, natural gas costs about half of



Mechanical Engineering Professor David Checkel strengthens and expands his work on alternative fuels.

what gasoline costs. Third, conversion kits cost between \$2,300 and \$3,500 depending on vehicle type, but programs offered by provincial and federal governments and utility companies reduce the costs of conversion.

The province has a big stake in the project. It's important that Alberta, a major natural gas producer, learn more about the advantages

of natural gas as a fuel, Michael Day, Assistant Deputy Minister, Alberta Energy, said. The evaluation of conversion kits will lead to the development of new technologies and technology transfers, and the increased use of natural gas will open up new markets, he said.

Wanted—siblings with rheumatoid arthritis

Some might be helped by aggressive early treatment

Rheumatoid arthritis—a potentially life-threatening disease—could be brought under better control if researchers at the University of Alberta can find families in which at least two siblings have the disease.

Walter Maksymowych, Assistant Professor of Medicine, and his research team are studying genetic factors associated with the disease. They are looking for a way to predict which patients are most at risk from severe forms of the disease.



Walter Maksymowych

Rheumatoid arthritis usually strikes in middle age (and occasionally in childhood). In some people the disease remains mild, but in others it progresses to cause bone loss and complete joint immobility. Many patients become permanently disabled while still young, and complications can shorten life expectancy.

Drugs can help to contain the disease, especially if given before joints are seriously damaged. However, they often cause side effects. The problem for physicians, therefore, is to decide which patients should get aggressive treatment early on, and who ultimately would not need it and could be spared the toxicity.

Rheumatoid arthritis involves an abnormal immune reaction within a person's joints, and Dr Maksymowych is studying the genetic make-up of the T-cells that set off the immune reaction. Certain T-cell genes have been linked, in children, with a progression to more serious forms of the disease, and preliminary evidence points to the same link in adults.

To further check that link, the next step is to study siblings who both have rheumatoid arthritis, to compare their T-cell genes in order to determine which gene is predisposing them to the disease. Dr Maksymowych says, "That would provide the strongest genetic data that the gene is associated with arthritis."

The presence of such a gene in a patient's blood would serve as a high-risk marker, indicating that aggressive early treatment was worth the potential side effects. Dr Maksymowych says, "If we could find such a marker, that could ameliorate an awful lot of misery and save a phenomenal amount of money from long-term treatment and disability support."

Unfortunately, the sibling pairs needed for this research are not very common, so the researchers are anxious to find as many as possible to donate blood for the research. Dr Maksymowych would like to hear from such patients or their physicians. He can be contacted at the University of Alberta's Department of Medicine, (403) 492-6296.

This research is funded by the Alberta Heritage Foundation for Medical Research.

Reprinted from Research Report, a quarterly publication of the Office of Public Affairs.

Board, NASA reach settlement

NASA members getting two percent salary increase

At its meeting on 4 September, the Board of Governors ratified a salary settlement it reached recently with the Non-Academic Staff Association.

More than 80 percent of NASA's members voted in favour of the settlement which calls for a salary increase of 2.66 percent. The .66 percent was owed by NASA to the University and was a first charge on this year's settlement. In real terms, then, NASA members' salaries will increase by two percent.

The University also agreed that if employees are evaluated at a point range beyond the 409 points of Grade 15, the University would create a Grade 16.

Stan Milner, Board of Governors Chairman, said, "In my opinion, the salary settlement is a fair one. The inflation rate is down and that tends to keep the employees whole."

Vice-President (Finance and Administration) Glenn Harris, who headed the University's negotiating team, said the settlement is a reasonable outcome considering the inflation rate and the University's financial situation.

In recommending that the membership vote in favour of the agreement, NASA's bargaining team stated that under existing conditions it would be impossible to arrive at a more substantial settlement with the University. NASA Vice-President Kevan Warner said, however, that NASA members' settlements in the past have fallen behind inflation. "This was the best we could get at this time."

Mary O'Neill, who represented the Board on the University's bargaining committee, said the negotiating committee was striving to be responsive to NASA's concerns while at the same time being responsive to the Board's fiscal concerns. The underlying philosophy was that the Board recognizes and appreciates NASA's contributions, but it has to take into account the current and projected fiscal situation.

NASA members can expect to see the retroactive pay on their October cheques. The agreement is retroactive to 1 April.



In 'Challenges and Choices,' the U of A communicates with its 'stakeholders'

"Challenges and Choices," the just published 1991-92 annual report of the University of Alberta, takes a different tack from previous reports.

Under the old format, the President and the Chairman of the Board of Governors published a "Letter to the Minister" (of Advanced Education). In "Challenges and Choices," the President (Paul Davenport), the Chairman of the Board of Governors (Stan Milner), and the Chancellor (Sandy Mactaggart) address—with one voice—the University's "stakeholders," that is, current students, faculty and support staff members, and people who look to the University to educate their children, carry out research that will benefit society, and serve the community in a variety of ways.

The three leaders state: "Our challenge at the University of Alberta is not simply to adjust to a new fiscal climate while continuing to play a key role in the Province's economic future.

"Rather, the challenge is to take responsibility for our own future as a university of international stature; to find ways to educate young Canadians who can compete in this changing world; to create partnerships with those who share our aspirations; and to move forward with you as full partners in Alberta's global future."

"The annual report of the University should be factual and timely," Milner told *Folio*. "It's important that it get out into decisionmakers' and the general public's hands in as timely a fashion as possible."

He pointed out that the report includes changes in the financial reporting which follow generally accepted accounting principles. "This University has nothing to hide and this report demonstrates that."

The first section of the report contains the leaders' statement, which is made up of a number of sections, for example, "Maintaining Excellence," "Meeting Expectations," "Enrollment and Transfer," "Recruiting the Best," and "Key Issues in the Years Ahead." Accompanying the text is a photographic record of some of the distinguished achievements of students and faculty during the year.

The second section contains financial statements of the University. They provide full and complete disclosure on the institution's financial affairs, and fully conform with generally accepted accounting principles and disclosure standards for nonprofit organizations.

Copies of "Challenges and Choices" are available from: Office of Public Affairs, 423 Athabasca Hall, University of Alberta, Edmonton, Alberta T6G 2E8.

Faculty of Law has celebratory weekend on the docket

The weekend of 18 and 19 September can't arrive too soon for the Faculty of Law and the Friends of the Faculty of Law.

The two bodies will host a special affair—"20/20" Anniversary Celebration—at that time.

The reasons for the event is that 1992 marks a) the 71st anniversary of the inception of the Faculty of Law at the University of Alberta and b) the 20th anniversary of the official opening of the Law Centre, arguably one of the finest legal education facilities in Canada.

There will be a gala dinner on Friday, 18 September, and a conference extending over both Friday and Saturday, 19 September.

The Chief Justice of Canada, Mr Justice Antonio Lamer, and two other Supreme Court Justices, Mr Justice Gérard La Forest and Madame Justice Beverly McLachlin will be in attendance, as will Alberta's new Chief Justice, The Honourable Catherine Fraser.

Lewis Klar, Professor of Law and one of the co-chairs of the organizing committee, says, "We've had visits from Supreme Court Justices in the past, but never before have we had such a star-studded cast of legal and judicial luminaries as we will at this conference."

In addition, former U of A Law Professor, Trevor Anderson, now of the University of

Manitoba, will be prominent at the gala dinner (Westin Hotel) as he recalls events that occurred during his years at the U of A Faculty of Law.

The conference portion of the weekend will be of interest to people outside the legal profession, Professor Klar says. There will be 19 sessions on widely divergent (and current) legal issues, including aboriginal self-government, the impact of AIDS in the '90s, the no-fault controversy, diversity in the Law School and in the legal profession, and Canada's constitutional predicament. A great many of the speakers have a past or present association with the Faculty.

Professor Klar notes that besides gathering in celebration of 20 years in the "new" building, faculty and guests will reflect on the long tradition of legal education in Alberta and honour five "builders" of the Law School and the profession, namely John Weir and George Steer (both deceased), Wilbur Bowker, Justice William Stevenson and Justice David McDonald.

"The final purpose," he says, "is to take a look forward at some of the developments in legal education and in practice which are likely to occur over the next twenty years."

Window on Canadian and Korean relations

Conferences (at Stollery Centre) to cover much terrain

"Doing Business with Korea" and the 5th Canada-Korea Conference, "Current Trends," are the bookends for a packed round of presentations and exchanges of views between Canadian and Korean academics and business leaders.

Resource people at "Doing Business with Korea" will be well qualified in that they have done business with Koreans in activities important to the Canadian economy. There will be a panel presentation on business opportunities in Korea and group discussions on "Environmental Engineering," "Forest Products," "What Korean Entrepreneurs Expect," "Tourism," and "Agriculture and Agricultural Services."

"Doing Business with Korea" is a half-day conference (16 September, 1:15 to 5 pm in the Stollery Centre). It will be opened by Rodney Schneck, Acting Dean of the Faculty of Business; Bill Presching, President of the World Trade Centre and a colleague of Dr Schneck; and Ivan Bumstead, Asia Pacific Foundation of Canada. Seung-Soo Han, former Minister of International Trade and Industry in the Korean Government, will give the keynote address ("Economic Prospects for the Korean Economy").

Registrants will also hear from His Excellency Kun-Woo Park, Korean Ambassador to Canada, and His Excellency Len Edwards, Canadian Ambassador to Korea.

Panelists/group leaders include Bob Ferchat, Canadian Chair of the Canada-Korea Business Committee; Neil Simpson, Senior Director of the Seoul Office, Government of Alberta; Alex Jorgensen of Stanley Associates;

Terry Gainer of Brewster Transportation and Tours; and Dean Ed Tyrchniewicz, Faculty of Agriculture and Forestry.

The 5th Canada-Korea Conference will be held 17 September, also in the Stollery Centre. It's an all-day conference (8:30 am to 5:30 pm) whose program features presentations by members of the East and West Studies Institute of Yonsei University, other Korean universities, and the University of Alberta. Korean participants include Dr Han ("Consequences of Democratization During the 6th Republic"); economist Sung Keun Ha ("Financial Liberalization and Internationalization in Korea"); and Professor of Religion, Hee Chun Kang ("Changing Notions of 'Equality' in Canadian Public Education"). Among the Canadian speakers are Peter Meekison, Belzberg Professor of Constitutional Studies, U of A ("The Constitutional Process"); CY Oh, Professor Emeritus of Secondary Education, U of A; ("Academic Relations: The U of A and Korea"); and Joseph Chung, Professor of Economics, University of Quebec at Montreal ("National Policies and Regional Disparities in Canada").

"Doing Business with Korea" is sponsored by the Asia Pacific Foundation, the U of A Centre for International Business Studies (CIBS), and the World Trade Centre, Edmonton. The registration fee is \$75; registration forms are available from CIBS, 492-2235.

The 5th Canada-Korea Conference carries a registration fee of \$50 (includes lunch and reception). Marietta Madura, Alberta International, 492-2958, is the contact person for registration and other details on the conference.

BUSINESS, POLICY AND ADMINISTRATIVE STUDIES REVIEW

The areas of business, policy and administrative studies at the University of Alberta is being reviewed. The major objectives of the review process are to determine existing areas of strength and excellence within respective courses and programs and to identify existing and potential relationships and linkages within, between and among programs that do exist. Teaching and research activities in the area are an important consideration for the University community as well as members of the public, related professions and groups, consumers, students and employers.

The Subcommittee on Business, Policy and Administrative Studies invites interested individuals and groups to make a one-page submission on their perceptions of the strengths and weaknesses of the current activities on campus and to comment on the need for a campus focus on public policy. For individuals interested in meeting with the subcommittee, short interviews will be conducted in October and November.

Please direct correspondence to: ES Brintnell, Chair, Subcommittee on Business, Policy and Administrative Studies, Faculty of Rehabilitation Medicine, University of Alberta, 2-64 Corbett Hall, Edmonton, Alberta T6G 2G4.

Transfer

Continued from page 1

Furthermore, the University recommends that colleges explain that even with minimum grade point averages and prerequisites, students are not guaranteed entry into professional programs. In faculties where the first year(s) of professional programs consist essentially of arts and sciences courses, the faculties consider the professional program to start with the second (third) year of studies, after students have completed pre-professional studies at institutions of their choice.

On promoting accessibility to university degree programs, the U of A recommends: there be a creative use of technology for off-campus course delivery; that cooperative degree completion programs be established in selected areas, for example, the U of A/Red Deer College nursing program; that there be a

greater standardization of prerequisite requirements; and that the initiatives be taken without increasing the number of degree-granting institutions in the province.

Earlier in the year, the Minister, John Gogo, said that during his review of degree-granting proposals from various institutions, he heard students, parents and educators express criticisms of the province's university transfer programs. He asked the province's institutions to: review the basic purpose of university transfer programs; identify appropriate admission standards served by transfer programs; address barriers sometimes faced by transfer students; explore alternative models to improve the system; identify changes to ensure the university transfer program be-

comes a fully viable two-year program; and review existing arrangements for the transfer of credit.

Other suggestions forwarded by the University include:

- where there are logical connections to a university program, the U of A build appropriate transfer credit or advanced placement arrangements;
- opportunities for students to move between certificate, diploma and degree programs be enhanced while maintaining the integrity and value of a U of A degree;
- the transfer system in British Columbia be evaluated by the Alberta Council on Admissions and Transfer;

• collaborative programs combining university degrees with college diploma and/or technical training be encouraged;

• brokering arrangements increase between the U of A and smaller centres around the province;

• a provincial telecommunications network be developed, and;

• students in two-year transfer programs have the flexibility to transfer to the university. Total retention of students in their second year of two-year transfer programs may not be desirable, the University suggested.

The Minister asked the institutions to submit to him by 1 September an interim report describing progress to date.

BOARD OF GOVERNORS

BRIEFS

Faculty of Education gives money to Education Students' Association

The Board of Governors last Friday approved the Faculty of Education's recommendation to give the Education Students' Association a \$4,800 professional development grant for fiscal year 1992-93. Board policy requires that Board approval be sought for the making of gifts or donations of University equipment, supplies or money.

Used computer equipment being passed on to CIS, China

The Board approved a Faculty of Business request to donate used computer equipment to the Tomsk Scientific and Technology Centre in the Commonwealth of Independent States. The director of the Tomsk Centre is a guest of the Centre for International Business Studies, under the terms of an exchange agreement between the Faculty and the Tomsk Centre.

The Department of Soil Science was also given permission to donate used computer equipment, in this case to the Department of Soil Science at Academia Sinica, in the People's Republic of China.

Board going out of town for its next meeting

In keeping with its policy of meeting periodically out of town and touching base with people in smaller communities, the Board will be holding its next regular meeting in Lloydminster, 2 October.

Design development report for Timms Centre approved

The Board Building Committee reported that it has approved the design development report for the Timms Centre for the Arts as the basis for continued planning and construction, subject to budgetary considerations.

Mary O'Neill informed the Board that tendering is planned for November and construction is due to start in February 1993. Summer 1994 is seen as the completion date.

Department Chairs appointed

Gary Libben has been appointed Chair of the Department of Linguistics for a five-year period, effective 1 July 1992. Ian MacDonald has been appointed Chair of the Department of Ophthalmology, beginning 1 August 1992 and extending to 30 June 1997.

The 'Family' Tree

In welcoming students to the 1992-93 academic year, the Faculty of Rehabilitation Medicine turned Corbett Hall into Camaraderie Hall. Dean Martha Piper (centre) and Stephanie Munro, President of the Rehabilitation Medicine Students' Association, then helped further the sense of belonging by participating in a tree-planting ceremony to the east of the building.

Photo Services



Campus Recreation grows by leaps and bounds

More than 20,000 participants last year



Then...
(1915 Women's
Intramural
Basketball) ...

...and now
(1992 Inner Tube
Mixed Waterpolo).



Ten years can whiz by. Just ask the staff at Campus Recreation, now celebrating a decade of innovative programming.

Director Hugh Hoyles, blinking at the fast-disappearing end of a busy decade, says sports and recreation are not new to universities. An individual who knows the 80-year tradition of recreational programs at the University of Alberta, Hoyles leads a team of dedicated professionals who have changed the conventional men's and women's intramural sports leagues into a comprehensive program whose eclectic collection of activities appeals to all ages.

A leader in postsecondary recreation, Campus Recreation was instrumental in breaking down the traditional gender and age barriers. No longer will you find "girls only" activities conducted in a convent-like atmosphere. No longer are staff and faculty secluded in private little activity groups. Integration is the watchword as this new-age approach to recreation reaches young children, students, faculty, staff and alumni. More than 20,000 people were involved in the various Campus Recreation programs in 1991-92.

Campus Recreation was instrumental in breaking down the traditional gender and age barriers.

Activities range from traditional sports such as Intramural Hockey (100 teams) and Co-Rec Volleyball (150 teams), which is high in popularity and very much "new age" in its emphasis on fun and socializing, to Dancing and Weight Training Instruction, two of the

many lifestyle activities supervised by Women's Intramural Director Tracy David. David operates a comprehensive program of racquet courses and CPR instruction as part of the lifestyle emphasis in the program. As well, there are many opportunities for women to participate in the intramural program.

The key to an active lifestyle is, of course, a good level of physical fitness. Under the direction of Art Burgess, the Campus Fitness and Lifestyle Program has grown from a handful of staff in 1977 to some 80 classes and 220 instructional hours a week. "Keep Fit" classes operate from early in the morning until late in the evening. Tai Chi, Hip Hop, cardio funk, dynabands and many other enjoyable ways to fitness are available to the whole University and residents of neighbouring communities.

Underlying this extensive program is a facility use policy which ensures that the clientele will be able to drop in on their own initiative for a swim, a run on either of the twin indoor tracks or a game of squash. The ice arena, while booked heavily for organized hockey, still reserves seven hours a week for recreational skating.

"Where to from here?" is a question much discussed in Campus Recreation. Undoubtedly, there are limits to the growth possible in the Van Vliet Centre. Still, opportunities continue to arise in Garneau and Michener Park and in the more immediate University area. Campus Recreation expects to continue to grow as more opportunities are presented. People interested in opportunities currently available to them are invited to call Campus Recreation at 492-2555. "Most of our innovative programs started with a phone call from interested clients," Dr Burgess says.

LETTERS

In defence of the use of voice mail in 'service' areas

Agreed! Coping with new technology can be frustrating. Although we perceive *all* areas of the University as "service" departments, whether those departments are "academic" (service to students as teachers) or "support" (service to staff, students, external public, etc), it is frustrating to telephone someone and either be put on hold, get an answering machine of one type or another, or, as is often the case when attempting to reach faculty who are in a lab, classroom, or elsewhere, find no one there.

At this point in the history of the University, we are being challenged to maintain a high quality of academic excellence (to our students) and service (to staff) with less economic and human resources. Without arguing whether or not the reduction of funds to departments is an appropriate response to government funding levels, the fact of the matter is that we are being required to accomplish more and more with less human resources. The *bulk* of the burden to produce more with less has fallen on the backs of the nonacademic support staff who comprise the greatest portion of the work force in what Mr Whidden and Ms Spencer refer to as the "service" areas. The support staff's burden has been relieved somewhat by electronic voice mail, which allows for periods of uninterrupted productivity. We suggest it is as reasonable for support staff, under present circumstances, in "service" areas, to have available as much technological equipment as is economically feasible as it is for faculty, particularly if such equipment will allow the support staff in "service" areas to better fulfill their responsibilities in a more efficient manner. To perceive the primary function of "service" staff as providers of *instant* response(s) to the monetary need(s) of others reflects a narrow perception of the functions of those "service" staff and units, as well as the resources those units have available to meet their responsibilities.

We believe that the better interests of the University family would be served if support staff positions in "service" areas were restored, rather than eliminating the technological equipment that assists them, or contracting services outside the University.

Kevan Warner
Vice-President
University of Alberta Non-Academic
Staff Association

Ed. note: Mr Warner's letter is in reply to a letter by Don Whidden and Rita Spencer of the Faculty of Medicine (Folio, 28 August).

EVENTS

EXHIBITIONS

BRUCE PEEL SPECIAL COLLECTIONS

Until 25 September

"Ukiyo - e glimpses of the gloating world"—an exhibition of Japanese woodblock reproductions and illustrated books. Hours: Monday to Friday, 8:30 am to 4:30 pm; closed weekends. B-7 Rutherford South.

FAB GALLERY

Until 13 September

"Carol Perehudoff—Reconstructing Landscape"—this exhibition is the final visual presentation in partial fulfillment of the requirements for an MVA in painting.

Until 13 September

"Cheng Wang—Searching the Unknown"—this exhibition is the final visual presentation in partial fulfillment of the requirements for an MVA in painting. Hours: Tuesday to Friday, 10 am to 1 pm and 2 to 4 pm; Sunday, 2 to 5 pm; Saturday, Monday and statutory holidays, closed. 1-1 Fine Arts Building.



It was registration time in the Butterdome last week. Unlike many other universities, the University of Alberta's computerized registration system has shortened lineups and sped up the process. Here, students pick up their registration forms and make last-minute changes to their courses. At the recent meeting of the Board of Governors, Vice-President (Academic) John McDonald said registration this year was incredibly smooth.

TALKS

ACCOUNTING AND MANAGEMENT INFORMATION SYSTEMS

18 September, 2 pm

Victor Pastena, University of New York at Buffalo, "Accounting Information and Lenders' Decisions: The Case of the Oil and Gas Industry." B-5 Business Building.

ANATOMY AND CELL BIOLOGY

24 September, 4 pm

Joel Weiner, "Topogenic Analysis of Membrane Proteins." 5-10 Medical Sciences.

CENTRE FOR RESEARCH IN MATERNAL, FETAL AND NEWBORN HEALTH

24 September, noon

James Clapp, Obstetrics and Gynaecology, Case Western Reserve University, Cleveland, Ohio, "Confounders Which Alter the Fetal Heart Rate Response to Maternal Exercise." Cosponsor: Alberta Heritage Foundation for Medical Research. 2F1.01 Mackenzie Health Sciences Centre.

24 September, 7:30 pm

James Clapp, "Exercise During Pregnancy: Good, Bad or Indifferent?" Bernard Snell Hall, Mackenzie Health Sciences Centre.

CHEMICAL ENGINEERING

17 September, 3:30 pm

Fernando Rodrigo, Polyolefins Manager, Novacor Chemicals Ltd, "The Continuous Evolution of Polyolefin Technology." 342 Chemical-Mineral Engineering Building.

24 September, 3:30 pm

HC Kim, "Integrated Design Environment for Process Control." 342 Chemical-Mineral Engineering Building.

CHEMISTRY

1992 Boomer Lecture Series—Royce Murray, Department of Chemistry, University of North Carolina at Chapel Hill, will give the following lectures:

21 September, 11 am

"Voltammetry Using Polymers as Solvents." V-107 V-Wing.

22 September, 11 am

"Electron Transfer Dynamics in Mixed Valent Polymers." V-107 V-Wing.

23 September, 11 am

"A Close Look at Polymer Surfaces—Atomic Force Microscopy." V-107 V-Wing.

24 September, 11 am

"Pushing Electrons Through an Enzyme—Sulfite Oxidase." V-107 V-Wing.

COMPUTING SCIENCE

4 September, 1 pm

Brian Wyvill, University of Calgary, "Blending, Warping, Polygonization and Collision Detection Using Implicit Surfaces." 619 General Services Building.

ENGLISH

15 September, 3:30 pm

A reading by Georgia Savage, winner of the 1991 Canada-Australia Prize for Literature. L-3 Humanities Centre.

18 September, 1 pm

Jan Goldstein, University of Chicago, "The Post-Revolutionary Self: Gender in the Competing Psychologies of Nineteenth-Century France." L-3 Humanities Centre.

ENGLISH AND WOMEN'S STUDIES

16 September, 4 pm

Sneja Gunew, Deakin University, Geelong, Victoria, Australia, "Feminism and the Politics of Difference." Senate Chamber, Arts Building.

18 September, 1 pm

Jan Goldstein, University of Chicago, "The Post-Revolutionary Self: Gender in the Competing Psychologies of Nineteenth-Century France." L-3 Humanities Centre.

LAW

15 September, 12:15 pm

Lord Lane, former Chief Justice, England, "What Price the Common Law?" 231/237 Law Centre.

PSYCHOLOGY

18 September, 3 pm

John H Hogben, University of Western Australia, "The Relationship Among Three Measures of Visible Persistence." P-319N Biological Sciences Building.

SCHOOL OF LIBRARY AND INFORMATION STUDIES

23 September, noon

Margaret Mackey, "Books to Keep Readers Reading." 3-01 Rutherford South.

SLAVIC AND EAST EUROPEAN STUDIES

21 September, 2 pm

Andrij Hornjatkevyc, "The State of the Bandura in Contemporary Ukraine." 141 Arts Building.

SOIL SCIENCE

15 September, 12:30 pm

Jeff McFarlane, Conservation Community Education Officer, Food and Agriculture, Victoria, Australia, "Conservation Extension in Australia." 2-36 Earth Sciences Building.

24 September, 12:30 pm

Allan Gajdosik, "The Nature of Organic Materials and Their Role in Microstructure Development in Selected Chernozemic Soils as Affected by Management Practices." 2-36 Earth Sciences Building.

FAREWELL RECEPTION FOR REG NORBY

A farewell reception for Reg Norby, APO, Department of Rural Economy, will be held Wednesday, 23 September, from 4 to 6 pm in the Main Lounge, Faculty Club. Donations to a student activity recognizing his contributions may be made by cheque payable to the "University of Alberta, R Norby Fund", and mailed to the Department of Rural Economy.

RETIREMENT DINNER FOR KEITH SMILLIE

An appreciation dinner to mark the retirement of Keith Smillie of the Department of Computing Science will be held Saturday, 17 October, in the Papaschase Room of the Faculty Club (cocktails, 6 pm; dinner, 7 pm). Persons interested in further information are asked to call Dr Brian Pinchbeck, at 492-3284 by Friday, 2 October.

POSITIONS

The University of Alberta is committed to the principle of equity in employment. The University encourages applications from aboriginal persons, disabled persons, members of visible minorities and women.

ACADEMIC

DEAN, FACULTY OF BUSINESS

The University of Alberta invites applications and nominations for the position of Dean of the Faculty of Business. The Dean is the Chief Executive of the Faculty, with 76 full-time faculty positions, 1,700 undergraduate, 300 MBA and MPM and 40 PhD students. Applicants should have a proven capacity for developing effective links with the business community, building collegial leadership, strong academic qualifications, and proven administrative ability. The Faculty is supported by \$20 million in endowment funds including the Stanley A Milner Chair in Leadership in support of the Dean's position.

The Faculty of Business is committed to building and maintaining outstanding teaching and research programs at the forefront of management education. Its programs are enriched through strong linkages with business and government through the Business Advisory Council, which has representation from across Canada, and through international programs in Europe and Asia. The Faculty's academic programs lead to the degrees of Bachelor of Commerce, Master of Business Administration (both accredited by AACSB), Master of Public Management, and Doctor of Philosophy in Business Management. There are four Departments: Accounting and Management Information Systems, Finance and Management Science, Marketing and Economic Analysis, and Organizational Analysis.

Founded in 1908, the University of Alberta is the second largest university in Canada, with full-time enrollment of more than 28,000 students, in undergraduate, graduate, and professional programs.

Deans are responsible to the Vice-President (Academic) for the supervision and administration of the academic programs, budget, and all activities of the Faculty. It is anticipated that the appointment will take effect on or before 1 July 1993. Written nominations or applications, accompanied in the latter case by a résumé of qualifications and experience, and the names of three referees, should be submitted by 30 September 1992 to: Dr W John McDonald, Vice-President (Academic), Third Floor, University Hall, University of Alberta, Edmonton, Alberta, Canada T6G 2J9.

MAPPS 'OPEN HOUSE'

Join us at an "Open House" for the introduction of the new electronic MAPPS.

Where: 315 General Services Building.

When: 25 September, 9 am to 1 pm.

This will be of interest to all Faculty and Department administrators, and to support unit administrators.

Light refreshments will be provided. For more information, please call Dr PS Taitt at 492-3540.

SUPPORT STAFF

To obtain further information on the following positions, please contact Personnel Services and Staff Relations, 2-40 Assiniboia Hall, telephone 492-5201. Due to publication lead time and the fact that positions are filled on an ongoing basis, these vacancies cannot be guaranteed beyond 4 September 1992. For a more up-to-date listing, please consult the weekly Employment Opportunities Bulletin and/or the postings in PSSR. Positions available as of 4 September 1992.

The salary rates for the following positions reflect adjustments in accordance with the new classification system and pay plan.

CLERK TYPIST (RECEPTIONIST) (Grade 5), International Centre, (\$1,855 - \$2,298)

CLERK STENO (Grade 5), Faculty of Extension (Land Economics and Real Estate), (\$1,855 - \$2,298)

SECRETARY (Grade 5), School of Native Studies, (\$1,855 - \$2,298)

SECRETARY (Grade 5), Stomatology (Division of Radiology), (\$1,855 - \$2,298)

MEDICAL STENO (Grade 6), Pediatrics, (\$2,029 - \$2,530)

The following positions retain salary rates in accordance with the previous classification system and pay plan.

CLERK STENO II (Part-time/Term to 31 December 1992), Botany, (\$9.26/hour)

CLERK TYPIST II (Trust), Medicine (Administration), (\$1,404 - \$1,744)

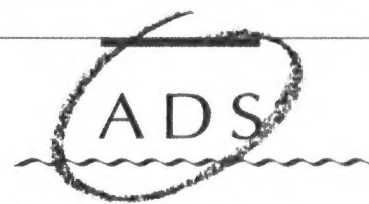
LABORATORY ASSISTANT III (DENTAL) (Term to 30 April 1993), Restorative Dentistry (\$1,565 - \$1,966)

SURGICAL TECHNICIAN (Trust), Faculty of Medicine (Cardiology), (\$2,052 - \$2,639)

TECHNOLOGIST II (Trust), Laboratory Medicine & Pathology, (\$2,422 - \$3,140)

RESEARCH METHODOLOGIST

PhD Research Methodologist in epidemiology, statistics, social sciences or demography with interest in primary care medical research, for Alberta primary care research unit. Three-year funded position. Contact Department of Family Medicine, 12th floor, Clinical Sciences Building, 492-6611. Deadline: 21 September 1992.



ACCOMMODATIONS AVAILABLE

VICTORIA PROPERTIES - Experienced, knowledgeable realtor with Edmonton references will answer all queries, and send information. No cost or obligation. Call (604) 595-3200, Lois Dutton, Re/Max, Ports West, Victoria, BC.

ST ALBERT - Executive lifestyle, family neighbourhoods, extensive parks and recreational facilities, just a short drive from the University. For ethical, enthusiastic service, call Ginny Morgan at Royal LePage Realty. 458-5595.

RENT - Lynnwood, west end, three bedroom bungalow. Immaculate condition, quiet, garage, \$1,100/month. Immediate possession. Western Relocation, 434-4629.

RENT - Riverbend/Brander Drive, furnished, executive four bedroom, two storey, facing ravine, furniture negotiable. September - May 1993. \$1,500/month. Western Relocation, 434-4629.

RENT - Millwoods. New, four-level split, \$1,000, three bedrooms, fireplace. Immediate. Western Relocation, 434-4629.

RENT - Millwoods Satoo, ranch-style bungalow. Off-white carpet, fireplace, three bedrooms up, one down. No pets, nonsmokers. \$1,200/month. 1 September 1992. Western Relocation, 434-4629.

RENT - River valley view, 1,100', two bedrooms, two baths. Lease, immediate. \$1,100/month. Western Relocation, 434-4629.

Continued on next page

RENT - Penthouse, Saskatchewan Drive. Breathtaking view, exquisite decor, two bedrooms, 2,098'. Immediate, \$1,850/month. Western Relocation, 434-4629.

RENT - Furnished, luxury apartment in downtown highrise, central to all facilities. Two bedrooms, \$980/month, includes all utilities except phone. Available 15 October 1992 - 15 April 1993. Phone 488-3916.

RENT - Harley Street, London, England. Equipped and furnished flats and mews house available. Short or long stay, to faculty members. Reasonable rents, unbeatable location. 011-44-71-580-0731 between 0800-1200.

SALE - Highlands area, two plus one bedroom, completely renovated bungalow. Finished basement, single garage and carport, one block to golf course and river valley. 11162 66 Street. Asking \$107,900. Phone 471-3959.

RENT - Old Strathcona, two bedroom, bi-level basement suite. Hardwood floors, \$450 monthly. Available immediately. 434-6287.

WANTED - House sitters and dog sitters. Country home on Wabamun Lake, every modern convenience. 892-2683.

SALE - Immaculate, three bedroom semi-bungalow. Garneau area, within walking distance to University. Sherry Mailo, Re/Max, 438-7000.

RENT - Three bedroom bungalow, two appliances, near Southgate shopping centre. \$650/month, one year lease. Available 1 October 1992. Phone 437-1405 evenings.

RENT - Fully equipped Banff condo, sleeps four. 26 December to 2 January, \$1,250. Colin, 492-6013.

RENT - Country house, 60 miles south of London, U.K. \$1,250/month, 1 October. Marjorie, (403) 678-5113.

SALE - Impressive, two storey home in great location. Excellent for family/professional couple. Andy, Home Life Realty. 466-4663.

SALE - New listing, Belgravia, super semi-bungalow. Den on main, two bedrooms second level. 1,370', gleaming hardwood

floors, shining clean throughout. Joan Lynch, Re/Max Real Estate, 438-7000, 433-9025.

SALE - Two storey, 2,725', dream home for the family. Fully finished basement, sunny south exposure and mini park behind you. Joan Lynch, Re/Max Real Estate, 438-7000, 433-9025.

SALE BY OWNER - Immaculate tenth floor condo near University and LRT. Spectacular view, pool, sauna, parking. Many quality upgrades, owner motivated. 488-2163.

RENT - Four bedroom, semi-furnished bungalow. Saskatchewan Drive. October. \$1,100/month. 452-5644.

RENT - Two bedroom, ground floor apartment, University Avenue house. \$600/month, includes utilities, garage, shared laundry. Suitable, quiet, nonsmoking adult(s). Phone 922-4080 evenings.

SALE - Petrolia/Greenfield, 1 1/2 storey, double garage, four bedrooms plus main den, 3 1/2 baths, fireplace, deck. Open house Saturday/Sunday, 1-4. 437-7924, 492-2562.

ACCOMMODATIONS WANTED

PROFESSIONAL married couple to house-sit. Bryan, 988-5369.

MATURE, UNIVERSITY EMPLOYEE available to housesit. Previous experience. Phone Joanna, 433-8668 or 492-6365.

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TECHNICAL TRANSLATOR (French-English) and procedural researcher (House of Commons). Phone 492-5661 work, 433-6024 home.

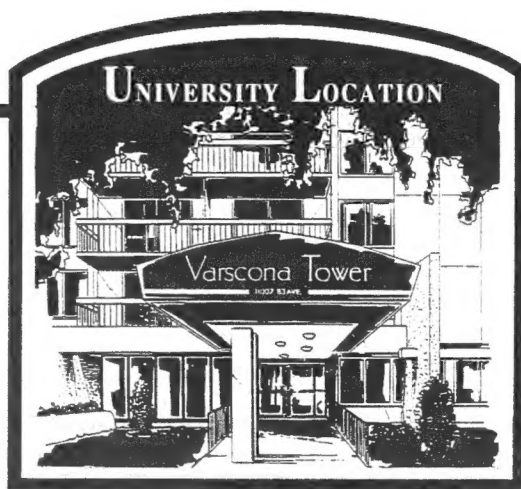
PDQ WORD PROCESSING - Laser printer, \$1.50 per double-spaced page. 11418 79 Avenue. 438-8287.

MISCELLANEOUS

PART-TIME babysitter/nanny required in Riverbend. Yvonne, 434-1793.



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Canadian Federation of University Women - Edmonton

INVITES: Active, committed women to attend an information meeting on this organization whose goals are to pursue knowledge, promote education, improve the status of women and human rights, and participate in public affairs
QUALIFICATIONS: A degree from any recognized college or university

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